PATENT

## IN THE UNITED STATES PATENT OFFICE

Andy T. Nguyen

Assignee

Xilinx, Inc.

Title:

"Binary Hysteresis Comparator Circuits and Methods"

Serial No.:

10/772,820

File Date:

02-05-04

Examiner:

My Trang Ton

Art Unit:

2816

Docket No.:

X-1493 US

Conf. No.:

5970

Mail Stop AMENDMENT COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. 1.56, Applicants bring to the attention of the Examiner the two (2) references listed in the attached Substitute for Form 1449A/PTO.

This Supplemental Information Disclosure Statement is being filed under 37 CFR 1.97(b) after the receipt of a first office action but prior to the receipt of a final action.

Citation of the above documents shall not be construed as an admission that the documents are necessarily prior art with respect to the instant invention. Citation of the above documents shall not be construed as a representation that a search has been made other than as described above. Also, the citation of the above documents shall not be construed as an admission that the information cited herein is, or is considered to be, material to patentability as defined in §1.56(b).

The Commissioner is hereby authorized to charge the fee of \$180.00 due under 1.17(p) and any additional fees, or credit any overpayment which may be required to Deposit Account No. 24-0040.

Respectfully submitted.

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Lois D. Cartier

Agent for Applicants

Reg. No. 40,941

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on December 13, 2005

Pat Tompkins

Name

Signature

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PTO/SB/17 (10-02)
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## FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision

(\$) 180.00 TOTAL AMOUNT OF PAYMENT

Signature

| Complete if Known       |                   |  |  |  |
|-------------------------|-------------------|--|--|--|
| Application / Conf. No. | 10/772,820 / 5970 |  |  |  |
| Filing Date             | February 5, 2004  |  |  |  |
| First Named Inventor    | Andy T. Nguyen    |  |  |  |
| Examiner Name           | My Trang Ton      |  |  |  |
| Art Unit                | 2816              |  |  |  |
| Attorney Docket No.     | X-1493 US         |  |  |  |

| METHOD OF PAYMENT (check one)   |  |   |          | FE  | E CALCULATION (   | continued)   |                  |                                       |       |
|---|--|---|----------|---|-------------------|--|------------------|---------------------------------------|-------|
| The Commissioner is hereby authorized to charge indicated fees any additional fees required, and credit any over payments to: |  | Large Ent<br>Fee Fe   | e        |   |                   |  |                  |                                       |       |
| X Deposit Account   |  | Code  | (\$)     | Fee Des   | cription          | 1  | Fee Paid         |                                       |       |
| Deposit<br>Account  | 24-004   | 0   |          | 1051  | 130               | Surcharge - late filir   | -                |                                       |       |
| Number  |  |   |          | 1052  | 50                | Surcharge - late pro<br>cover sheet.                                       | ovisional filing | fee or                                |       |
| Deposit<br>Account<br>Name  | XILIN  | X, INC.   |          | 1812  | 2,520             | For filing a request   | for exparte ree  | examination                           |       |
| ivanio [  | 777.   | ·········   |          | 1804  | 920*              | Requesting publicat<br>Examiner action                                     | tion of SIR prid | or to                                 |       |
|   |  |   |          | 1805  | 1,840*            | Requesting publicat<br>Examiner action                                     | tion of SIR afte | er .                                  |       |
|   | FEE CALCUL   | ATION   |          | 1251  | 120               | Extension for reply  | within first mo  | nth                                   | (-)   |
| 1. BASIC  | FILING FEE   |   |          | 1252  | 450               | Extension for reply  | within second    | month                                 | ٠ .   |
| Large Enti  | ty   |   |          | 1253  | 1020              | Extension for reply  | within third mo  | onth :                                |       |
| Fee i   | Fee Fee Descr  | ription   | Fee      | 1254  | 1,530             | Extension for reply  | within fourth m  | nonth                                 |       |
| Paid<br>Code  | (\$)   | -   |          | 1255  | 2,080             | Extension for reply  | within fifth mo  | nth                                   |       |
|   | 770 Utility fil  | ling fee  |          | 1401  | 500               | Notice of Appeal   |                  |                                       | ·     |
|   | -  | filing fee  |          | 1402  | 500               | Filing a brief in supp   | port of an appe  | eal                                   |       |
|   | <ul><li>510 Plant fili</li><li>790 Reissue</li></ul>             | ing fee<br>s filing fee   |          | 1403  | 1000              | Request for oral hea   | aring            | :                                     |       |
|   |  | onal filing fee   |          | 1451  | 1,510             | Petition to institute a  | a public use p   | roceeding                             |       |
|   |  |   |          | 1452  | 110               | Petition to revive - L   | unavoidable      |                                       |       |
|   | SUBTOTAL (1)   | (\$)  |          | 1453  | 1,370             | Petition to revive - u   | unintentional    |                                       |       |
| 2. EXTRA  | CLAIM FEES FO  | OR UTILITY AND Fee from   | REISSUE  | 1501  | 1,370             | Utility issue fee (or  | reissue)         |                                       |       |
|   |  | Extra below   | Fee Paid | 1460  | 130               | Petitions to the Con   | nmissioner       | ,                                     |       |
|   | Total Claims -20** = X = I                                       |   |          | 1807  | 50                | Petitions related to   | provisional ap   | plications                            |       |
| Indep. Claims<br>Multiple Depend  | ent Claims   |   | _        | 1806  | 180               | Submission of Info   | rmation Disclo   | sure Stmt                             | \$180 |
|   | **or number previously paid, if greater, For Reissues, see below |   | elow     | 8021  | 40                | Recording each patent assignment per property (times number of properties) |                  |                                       |       |
| Large Entity Fee Fee Code (\$)  | Fee Des  | scription   |          | 1809  | 790               | Filing a submission (37 CFR 1.129(a))                                      | after final reje | ection                                |       |
| 1202 18<br>1201 86  | Independe  | excess of 20<br>ent claims in excess of   |          | 1810  | 790               | For each additional examined (37 CFR                                       | l invention to b | oe ·                                  |       |
| 1203 290<br>1204 86<br>1205 18  | **Reissue<br>over orig<br>**Reissue                              | ependent claim, if not p<br>independent claims<br>jinal patent<br>claims in excess of 20<br>r original patent |          | 1801  | 790               | Request for Cont   | inued Examina    | ation (RCE                            |       |
|   |  |   |          | Other fe  | e (specify)       |  |                  | · · · · · · · · · · · · · · · · · · · |       |
| SUBTOTAL (2) (\$)   |  |   | *Reduc   | ed by Basic   | Filing Fee Paid S | SUBTOTAL (3  | ) (\$)           | 180.00                                |       |
| SUBMIT  | TED BY   |   |          |   |                   |  | Comple           | te (if applic                         | able) |
| Name (Print   | (Type) Lois  | D Cartier   |          | Registration No. (Attorney/Agent) 40,941 Telephone 720-652-3733 |                   |  | 52-3733          |                                       |       |

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PTO/SB/08A (10-01)
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Substitute for form 1449A/PTO

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| Complete if Known                           |  |                     |  |  |  |  |
| Application / Conf. No.                     | 10/772,820 /                             | 5970                |  |  |  |  |
| Filing Date                                 | February 05, 2004                        |                     |  |  |  |  |
| First Named Inventor                        | Andy T. Nguyen                           | 0                   |  |  |  |  |
| Art Unit                                    | 2816                                     |                     |  |  |  |  |
| Examiner Name                               | My Trang Ton                             |                     |  |  |  |  |
| Attorney Docket Number                      | X-1493 US                                |                     |  |  |  |  |

|                        |  |                  | U.S. PATENT                    | DOCUMENTS  |   |  |
|------------------------|--|------------------|--------------------------------|--|---|--|
| Examiner<br>Initials * |  |                  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |
|                        |  | US- 6,366,136 B1 | 04-02-02                       | Page   | Tigates 7 to be at  |  |
|                        |  | US- 6,894,542 B2 | 05-17-05                       | Prexl et al.                                       |   |  |
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|               | FOREIGN PATENT DOCUMENTS |                         |                             |  |                        |              |  |  |  |
|---------------|--------------------------|-------------------------|-----------------------------|--|------------------------|--------------|--|--|--|
| Examiner Cite | Cite                     | Foreign Patent Document | Publication Date            | Name of Patentee or<br>Applicant of Cited Document                                 | Pages, Columns, Lines, |              |  |  |  |
| Initials *    |                          | MM-DD-YYYY              | Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant<br>Figures Appear |                        |              |  |  |  |
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| Examiner<br>Signature | Date<br>Considered |  |
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Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>4</sup> Applicant is to place a check mark here if English language Translation is attached.